CLAIMS

I claim:

- 1. A bi-layer liner for lining concrete structures comprising:
 a surfacer layer and a barrier layer, said barrier layer being disposed on said surfacer layer.
- 2. The liner of claim 1, where said surfacer layer is composed of an epoxy.
- 3. The liner of claim 2, wherein the barrier layer is a foam.
- 4. The liner of claim 3, wherein said foam is polyurea foam.
- 5. The liner of claim 1, where said barrier layer is composed of a polyurea and isocyanate blend.
- 6. The liner of claim 4, where said surfacer layer is composed of a foam.
- 7. The liner of claim 5/wherein said foam is a polyurethane foam.
- 8. The liner of claim 1, where said barrier layer has a cure rate of less than 60 seconds.
- 9. The liner of claim 1, where said barrier layer is less than 80 mils in thickness.

10. A multi-layer liner for lining a concrete structure comprising:

- (a) a first barrier layer;
- (b) a surfacer layer disposed on said first barrier layer; and
- (c) a second barrier layer disposed on said surfacer layer.
- 11. The liner of claim 8, where said surfacer layer is a foam.
- 12. The liner of claim 9, wherein said foam is a polyurethane foam.

- 13. The liner of claim 9, wherein said foam is a polyurea foam.
- 14. The liner of claim 8, where said first barrier layer and said second barrier layer are composed of the same material.
- 15. The liner of claim/10, where said first barrier layer and second barrier layer are composed of a polyurea and isocyanate blend.
- 16. The liner of claim 8, where said first barrier layer and said second barrier layer are less than 80 mils in thickness.
- 17. The liner of claim 8, where said first barrier layer and said second barrier layer have cure rates of less than 60 seconds.

18. A method for lining concrete structures comprising:

- (a) cleaning a surface of a concrete structure;
 - (b) applying a foam liner material to said surface of said concrete structure.
- 19. The method of claim 14, wherein the foam liner material is a polyurea foam.
- 20. The method of claim 4, wherein the foam liner material is a polyurethane foam.
- 21. The method of claim 14, wherein step (a) further includes the steps of:
 - (a) pressure washing the surface of the concrete structure; and
 - (b) heat drying the surface of the concrete structure.

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